## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 38005-0183

In re patent application of:

Confirmation No.

Martin OPPER et al.

Serial No.: Unassigned

Art Unit: Unassigned

Filed: August 4, 2003

Examiner: Unassigned

For:

CYTOPLASMIC EXPRESSION OF ANTIBODIES, ANTIBODY FRAGMENTS

AND ANTIBODY FRAGMENT FUSION MOLECULES IN E. COLI

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56 and 37 CFR §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 C.F.R. §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

The documents submitted herewith on Form PTO/SB/08A, lists the documents cited by or submitted to the Patent Office in parent application Serial No. 09/273,453 filed March 22, 1999 (now U.S. Patent No. 6,602,688), which is a Divisional of U.S. Serial No. 08/630,820 filed April 10, 1996 (now U.S. Patent No. 6,008,023).

As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. 09/273,453 filed March 22, 1999 (now U.S. Patent No. 6,602,688), which is a Divisional of U.S. Serial No. 08/630,820 filed April 10, 1996 (now U.S. Patent No. 6,008,023).

The instant Information Disclosure Statement is being filed in compliance with 37 CFR §1.97(b) within three months from the filing date of the above-identified application, therefore, no fee is required in connection with its filing. However, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 08-1641.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-SB/08A be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

Date Date

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Substitute	e for form 1449A/PTC	)			Complete if Known	
				Application Number	Unassigned	
			CLOSURE	Filing Date	August 4, 2003	
STA	TEMENT B	ΥΑ	PPLICANT	First Named Inventor	Martin OPPER et al.	
				Group Art Unit	Unassigned	
	(use as many she	ets as	necessary)	Examiner Name	Unassigned	
Sheet	1	of	4	Attorney Docket Number	38005-0183	

			U.S. PATENT DOCU	MENTS	
-		U.S. Patent Document	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials *	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.'	For Office <sup>3</sup>		nent nd Code <sup>5</sup> - f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
KAC	A02	EP	0 501 215			9/92	·	
	A03	EP	0 623 352			4/94		
	A04	EP	0590530	, <b>A</b>	SEEMAN et al.	2/10/1992		
V	A05	EP	0590530	A2	GEHRMANN et al.	9/24/93		
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Examiner Signature	/Karen A. Canella, Ph.D./ Considered	06/26/2006

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

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	Substitute	for form 1449	A/PTO			Complete if Known	
	INFO	DRAKTI	ON DIC	OL OCUDE	Application Number	Unassigned	
				CLOSURE	Filing Date	August 4, 2003	
	SIAI	EMEN	T BY A	PPLICANT	First Named Inventor	Martin OPPER et al.	
•					Group Art Unit	Unassigned	
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$\overline{}$	Sheet	2	of	4	Attorney Docket Number	38005-0183	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
KAC	A06	GUSSOW et al.; "Humanization of Monoclonal Antibodies", Methods in Enzymology; Vol. 203; (1991); pp. 99-121	
	A07	BOSSLET et al.; "Molecule and Funcational Characterization of a Fusion Protein Suited for Tumor Specific Prodrug Activation"; Br. J. Cancer, Vol. 65; (1992); pp. 234-238	
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Examiner Signature	/Karen A. Canella, Ph.D./	Date Considered	06/26/2006
Signature	/ Karen A. Canerra, Ph.D./	Considered	00/20/2000

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INFORMATION DISCLOSURE	Filing Date	August 4, 2003
STATEMENT BY APPLICANT	First Named Inventor	Martin OPPER et al.
	Group Art Unit	Unassigned
(use as many sheets as necessary)	Examiner Name	Unassigned
Sheet 3 of 4	Attorney Docket Number	38005-0183

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
KAC	A16	GILLIES et al; Human Antibodies Hybridomas; Vol. 1, No. 1; pp. 47-54	
	A17	AXELSSON; Acta Chemica Scandanavica Series B; Vol. 39, No. 1; pp. 69-77	
	A18	PAULUS et al.; Behring Inst. Mitt.; No. 78; pp. 118-132	
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$\overline{\mathbf{V}}$	A25	QUI, J., Swartz, J., Georgiou, G., (1998), "Expression of Active Human Tissue-Type Plasminogen Activator in Escherichia coli", Applied and Environmental Microbiology, Dec. 1998, 64:4891-4896, American Society for Microbiology, Washington, D.C., USA	

Signature /Karen A. Canella, Ph.D./ Considered 06/2
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	SIAT	EMENT B	Y A	PPLICANT	First Named Inventor	Martin OPPER et al.
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	Sheet	4	of	4	Attorney Docket Number	38005-0183

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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·	A30	BUCHNER et al., "A method for increasing the yield of properly folded recombinant fusion proteins", Anal Biochem, Vol. 205, pp. 263-270	
	A31	HOCHMAN et al., Biochemistry, 1976, Vol. 15, pp. 2706-2710	,
	A32	GOTO et al., Journal of Molecular Biology, 1982, Vol. 156, pp. 911-926	
$\overline{\Psi}$	A33	SKERRA et al., 1988, Vol. 240, 1038-1043	
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Signature	/Karen A. Canella, Ph.D./ Considered	06/26/2006

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